

CONTRACT/PR NO.: 52-SPNA-0-00036

**NOAA FISHERIES RESEARCH VESSEL (FRV)
DATA REQUIREMENTS LIST**

Revision A

September 1, 2000

DATA REQUIREMENTS LIST

FOREWORD

The Data Requirements List identifies data requirements in support of the NOAA Fisheries Research Vessel (FRV) acquisition. All submittals must be prepared in the contractor's format and must be clear, legible, and typed where appropriate. All calculations and design data must be provided in metric standard units, to the maximum extent practical, except where existing documentation is in the inch-pound system.

The contractor is encouraged to eliminate any data duplicated among data items. Consequently, schedules, reports, meeting minutes and reviews are to be consolidated to the maximum extent possible.

1. ELECTRONIC MANAGEMENT INFORMATION SYSTEM

The Government will operate and maintain a secure, Web-based electronic information management system which will be used for the review of deliverables provided by the Contractor. The Contractor shall upload all deliverables required by Exhibits A, B and C to the electronic information management system.

The contractor must update data and products in digital form, to reflect current configuration and program status, with updates submitted as required by design development. The Government will review and approve this information electronically, as appropriate. Electronic deliverables other than drawings must be in a file format compatible with the Microsoft Office 97 suite of programs. Computer-aided drawings must be in a format compatible with AutoCAD version 14. Technical manuals, drawings and some reports must also be provided in CD ROM format as a final deliverable.

The sharing and exchange of information will be by industry standard neutral data formats and communication protocols. The system will include a means to ensure only authorized and appropriate access to and update of information.

2. DATA SUBMISSION

All submittals, including drawings, reports and machine-produced listings must be provided with the following information:

- Contractor's serial number and date

- Applicable hull registry number(s) and Contractor's hull number(s)

- The contract number, data item number, and data item title. When multiple submissions are made under the same data item (such as drawings, purchase orders, or test reports), a subtitle must be included to further identify the content.

- A list of all enclosures being submitted in the data package.

- A revision letter and date must be included to reflect the revision of any previously submitted document. The cover sheet must provide a brief explanation of the reason for the change or a more detailed discussion must be included in the content of the submittal.

- Submittals requiring approval must state: "This document requires Government approval." If approval has been granted, the approved version must state: "This document has been reviewed and approved by the Government."

Submittals for a specific hull must state: "This is a final submission (if applicable) for Hull ____." Incremental submittals and documents regarding recurring meetings or events must identify the specific increment/event date (if not otherwise identified in the subtitle).

Distribution and quantity of copies being sent

3. SUBMISSION SCHEDULE

The Contractor must maintain scheduling data relating to the submission requirements of data items and, to the maximum extent possible, must ensure that actual deliveries are made on or before specified due dates. Submission criteria are usually based on key events that are known to both the Contractor and to Government personnel (such as contract award). The contractor must alert the Contracting Officer and ConRep via email that a data item is available for review.

4. QUALITY CONTROL

The Contractor must maintain internal quality control to ensure submittals are complete and adequate and should not rely on Government review comments to ensure the technical accuracy of data.

The approval time period for Government review, identified in the data requirements list, commences at receipt of the data by the Government agency responsible for providing approval.

In most cases, approval will be granted subject to resolution of issues raised by review comments. If all issues can be successfully resolved, the Contractor must correct and resubmit the data. In the event the Contractor disagrees with the intent of the review comments or is unable to comply with and/or resolve issues raised, the Contractor must submit correspondence explaining the disagreement and propose suitable alternatives with supporting rationale.

5. EXHIBITS

The following tables summarize all data deliverables:

EXHIBIT A

Document Number	Reference	Document Title	Date Due	Approval Required	Review Period	Notes
A001	SOR Section 042j, Contract Section C-3	Equipment Equivalency Certificates	60 days prior planned release of purchase order	Yes	30	
A002	SOR Section 042j	Non-Regulatory Body Correspondence	5 days after issue			HC
A003	SOR Section 042j, Contract Section C-17	Regulatory Body Correspondence	5 days after issue or receipt			HC See Note 1
A004	SOR Section 042j, 073o, Contract Section C-1	Conference/Meeting Agendas and Minutes	7days prior and 14 days after meeting	Yes	30 for minutes	
A005	SOR Section 042j, 092g, 094h	Schedules	30 DAC, 10 days after change			
A006	SOR Section 042j	Purchase Orders	5 days after release of purchase order			
A007	SOR Section 042j	Purchase Order Index	60 DAC			
A008	SOR Section 045f	Fire and Flooding Protection Plan	90 days before construction	Yes	30	
A009	SOR Section 045f	Hull Protection Plan	90 days before construction			
A010	SOR Section 045f	Launching Plan	90 days before launch	Yes	30	
A011	070k, 591p	Certificates/Certifications	7 days after issue			HC
A012	SOR Section 070k	Endurance Fuel Calculations	365 DAC			
A013	SOR Section 070k	Maneuvering Performance Prediction	365 DAC			
A014	SOR Section 070k	Seakeeping Analysis Report	90 days before construction			
A015	SOR Section 070k	Register of Lifting Appliances	Prior to BT			
A016	SOR Section 073p	Noise Control Program Plan	90 DAC	Yes	30	
A017		Not Used				
A018	SOR Section 073p	Acoustic Training Program Plan	120 DAC	Yes	30	
A019	SOR Section 073p	Propulsion Motor Mounting System Design Report	per A016			
A020	SOR Section 073p	Noise Control Corrective Action Report	per A016			
A021	SOR Section 073p	Airborne Noise Analysis Report	per A016			
A022	SOR Section 073p	Hull Vibration Analysis Report	per A016			
A023	SOR Section 073p	Propulsion Shaft Vibration Analysis Report	per A016			
A024	SOR Section 073p	Resilient Mount and Foundation Vibration Design and Analysis Report	per A016			
A025	SOR Section 073p	Sonar Self-Noise Analysis Report	per A016			
A026	SOR Section 073p	List of Acoustic Isolation Systems	per A016			
A027	SOR Section 079d	Subdivision Analysis	30 days after analysis			
A028	SOR Section 079d	Intact Stability Analysis	30 days after analysis			
A029	SOR Section 079d	Damage Stability Analysis	30 days after analysis			
A030	SOR Section 079d	Trim and Stability Computer Program	before AT			
A031	SOR Section 079d	Trim and Stability Booklet	30 days after inclining experiment			CD. HC

Document Number	Reference	Document Title	Date Due	Approval Required	Review Period	Notes
A032	SOR Section 081c	Component Removal Routes	12 MAC			
A033	SOR Section 081c	Maintenance Plan	before AT			CD
A034	SOR Section 085b	Construction Drawings	per drawing schedule			CD
A035	SOR Section 085b	Tank Capacity Curves, Booklet of Tank Sounding Tables and Drawings	per drawing schedule			CD
A036	SOR Section 085b	Lines and Offsets Drawing	per drawing schedule			CD
A038	SOR Section 085b	Final Drawings	90 days after SD			CD, HC
A039	SOR Section 085b	Final Drawing Index	90 days after SD			CD, HC
A040	SOR Section 092g	Ship Acceptance Program Plan	180 DAC	Yes	30	
A041	SOR Section 092g, 073p, 094k	Test/Trials Schedule	90 days before test			
A042	SOR Section 092g, 073p, 094k	Test/Trials Plans and Procedures/Agendas	90 days before test	Yes	30	
A043	SOR Section 092g, 073p, 094k, 097b, 565b, 603e	Test/Trials Reports	30 days after test			
A044	SOR Section 094k, 073p	Notification of Test/Trials	14 days prior to test or trial			
A045	SOR Section 096b	Weight Estimates	initial 120 DAC, revisions each 60 days	Yes	30	
A046	SOR Section 097b	Inclining Experiment Procedure	14 days before inclining experiment			
A047	Section 099b	Photographs	10 days after photographs are taken			HC
A048	SOR Section 200c	SSV Related Data	90 DAC			
A049	SOR Section 243b	Shaft Alignment Analysis	with drawings			
A050	SOR Section 300c	Electric Power Load Analysis	180 DAC	Yes	30	
A051	SOR Section 512f	HVAC Load Calculations	180 DAC			
A052	SOR Section 591p	Cable Data	at receipt of cable			
A053	SOR Section 600c	Color Coordination Manual	180 DAC	Yes	30	
A054	SOR Section 604e	Key Tags and Index Book	prior to AT			
A055	SOR Section 631a, e	Paint Schedule	180 DAC			CD
A056	SOR Section 631e	Paint Report	7 days after application			
A057	Contract Section C-7	Configuration Management Plan	60 DAC	Yes	30	
A058	Contract Section C-7	Engineering Change Proposal (ECP)	as required	Yes	45	
A059	Contract Section C-7	Request For Deviation (RFD)	as required	Yes	20	
A060	Contract Section C-7	Request For Waiver (RFW)	as required	Yes	20	
A061	Contract Section C-8	Contract Problem Identification Report (CPIR)	as required	Yes	45	
A062	Contract Section C, Part 1	History of Equipment Usage	quarterly after first use			
A063	Contract Section C-9	Facility Certification Report or Alternate Drydocking/Launching Method	90 DAC			

Document Number	Reference	Document Title	Date Due	Approval Required	Review Period	Notes
A064	Contract Section C-4	Grounding/Damage/Collision Report	verbal 24 hrs, written 5 days after event			
A065	Contract Section C-15	Adverse Environmental Conditions Plan	60 DAC	Yes	30	
A066	Contract Section H	Installation & Checkout (I&C) Spares; Storage, Inventory Management and Issue Procedures	90 days prior to installation			
A067	Contract Section H	Accountability of Government Property List	30 days after receipt			
A068	Contract Section H	Progressing System Description	60 DAC, monthly thereafter	Yes	30	

EXHIBIT B

Document Number	Reference	Document Title	Date Due	Approval Required	Review Period	Notes
B001	SOR Section 080b	Logistics Support Plan (LSP)	90 DAC	Yes	30	
B002	SOR Section 083c	Outfitting Summary Statistics	per LSP, final at Final AT	Yes	30	
B003	SOR Section 083d	Outfitting Operations Plan	365 DAC	Yes	30	
B004	SOR Section 083d	Required Spare and Repair Parts List	per LSP			
B005	SOR Section 083d	Additional Spare and Repair Parts Equipment List	per LSP	Yes	30	
B006	SOR Section 083d	Consolidated Spare/Repair Parts Inventory List	per LSP, final at delivery	Yes	60	
B007	SOR Section 086b	Technical Manual Organization Plan (TMOP)	90 DAC	Yes	30	
B008	SOR Section 086b	Technical Manual Status Report	quarterly			
B009	SOR Section 086b	Technical Manuals	per TMOP	Yes	45	CD, HC
B010	SOR Section 086b	Engineer's Operating Manual	per TMOP	Yes	45	CD, HC

EXHIBIT C

Document Number	Reference	Document Title	Date Due	Approval Required	Review Period	Notes
C001	Contract Section C, Part 1	Crew Familiarization Program Plan	90 days after exercise of option	Yes	30	
C002	Contract Section C, Part 1	Instructor Lesson Plans	per schedule	Yes	30	
C003	Contract Section C, Part 1	Student Guides	per schedule	Yes	30	

Notes:

DAC is days after contract award.

SD is ship delivery

CD is CD ROM Deliverable

HC is Hard Copy, two paper deliverables are required.

AT is Acceptance Trials

Note 1: Copies of correspondence, with attachments, shall be directly submitted from ABS to the Government.